




























# Data Logged by Special Projects Expeditions Data System

Data Category	Data Level 1	Data Level 2
<b>Daily Operations and Activities</b>		
	Date Location Vessel Operating Status Personnel OnBoard Plan of the Day Science Discussion Operations/Safety Discussion Incident/Accident Discussions <u>Sub/ROV Dive Information</u>	 <b>DBMS</b>
	Mission ID Dive # SubID Dive Target ID Data Manager Data Entry Pilot1 Pilot2 Observer1 Observer2 Launch Latitude Launch Longitude Time Left Surface Time on Bottom Time Leave Bottom <u>Time Return Surface</u> Start Depth Stop Depth <u>Max Depth</u> Air Temp % Cloud Cover Wind Direction Wind Speed Sea Height Sea Directions Surface Current Surface Temp	 <b>DBMS</b>   <b>Track f</b>   <b>SCS, DBMS</b>
	<u>Sub System Performance</u>	Comms Rating Comms Rating Reason Tracking System Rating Tracking System Rating Reason Ship Systems Rating Ship Systems Rating Reason Camera Systems Rating Camera Systems Rating Reason Sub Systems Rating Sub Systems Rating Reason Aborted (Y/N) Reason Aborted
	<u>Ancillary Operations</u>	Type of Operation Time Start Time End Max Depth # Samples Collected Personnel Involved Objective Comments
		 <b>DBMS</b>   <b>DBMS</b>

<u>Data Category</u>	<u>Data Level 1</u>	<u>Data Level 2</u>
	<u>Sample Information</u>	Sample ID Time Sampled Related Dive # Operation Type Sample Description Sample Type Depth Taken Location Sampled Sample Handler Sample Destination/Related Project and Contact  PI, DBMS
	<u>Transit Information</u>	Date Start Time Start Estimated Date End Estimated Time End Actual Date End Actual Time End Point of Origin Point of Destination Purpose of Transit  Ship's Log
	<u>Shuttle Information</u>	Vessel Id Time Left Origin Time Arrive Destination Point of Origin Point of Destination Purpose of Shuttle # Personnel Involved Names of Personnel Involved  Ship's Log
	<u>Education and Outreach Information</u>	Education/Outreach discussion Event Type Event Name Event Description Event Location # People involved Event Lead Event Start Date Event End Date  DBMS
	<u>Media Information</u>	News Organization Date of Visit Organization Type Number of Visitors Contact Purpose of Visit Headline Name Story URL Story Date  DBMS, Ship's Log

<u>Data Category</u>	<u>Data Level 1</u>	<u>Data Level 2</u>
<b>Dive Information</b>	<u>General Dive Overview</u>	Mission ID Dive # SubID Dive Target ID Data Manager Data Entry Pilot1 Pilot2 Observer1 Observer2 Launch Latitude Launch Longitude Time Left Surface Time on Bottom Time Leave Bottom Time Return Surface Start Depth Stop Depth Max Depth Description of Dive Track  Dive Log, Ship's Log
	<u>Dive Objectives</u>	Objective Objective Priority Objective Comments  Dive Log
	<u>Data File Log</u>	Filename File Type (Track, CTD, WPT, etc) Date Created Source Contact File Size File Extension (.dat, .txt, .zip, etc.) Related Dive #  Track f, PI
	<u>Weather and Sea Conditions</u>	Air Temp % Cloud Cover Wind Direction Wind Speed Sea Height Sea Directions Comments  SCS, DBMS
	<u>Subsurface Sea Conditions</u>	Surface Current Surface Temp Thermocline Depth Bottom Current Bottom Temp Visibility Viz variation with Depth Nepheloid Thickness Pycnocline Depth Comments  Dive Log, PI
	<u>Transect Information</u>	Transect Number Transect Start Time Transect Stop Time Tape Used  Dive Log
	<u>Dive Track Ratings</u>	Uniqueness Health Disturbance Biodiversity Highest Observed Relief  Dive Log

<b>Data Category</b>	<b>Data Level 1</b>	<b>Data Level 2</b>
	<u>Geomorphology and Sediments</u>	Features Feature percent Cover Dominant Features Sediment Types Sediment percent cover Dominant Sediment Living Habitat Structure Type LHS percent cover Dominant LHS Comments  Dive Log
	<u>Living Marine Resources</u>	Pelagic Fish Relative Abundance Bottom Fish Relative Abundance Crustacean Relative Abundance Mollusk Relative Abundance Echinoderm Relative Abundance Other LMR Relative Abundance Other Benthics Observed Unique or Rare Species Observed Comments  Dive Log
	<u>Fish Identification</u>	Species Relative Abundance Unique Species Observed Comments  Dive Log
	<u>Human Activities</u>	Activity Observed Comments  Dive Log
	<u>Human Impacts</u>	Impacts Observed Comments  Dive Log
	<u>General Pilot Comments</u>	
<u>CTD Data</u>	Date Time Depth C T Other Parameters  PI	
<u>Digital Videos</u>	Dive ID Location Date Tape #  DBMS	
<u>Still Photos</u>	Dive ID Date Time Depth  DBMS	
<u>Video Annotations</u>	Mission ID Dive ID Location Sub Observers or Pilots Personnel Annotating Tape ID Camera ID Time In Time Out Real Time Fish Observations Habitat Observations Human Impacts Observations Percent Cover Observations Other Comments Still or Video Highlight Recommended  DBMS	